

ENVIRONMENTAL PROTECTION

Water Resources

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CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Engineering

DISTRICT

All

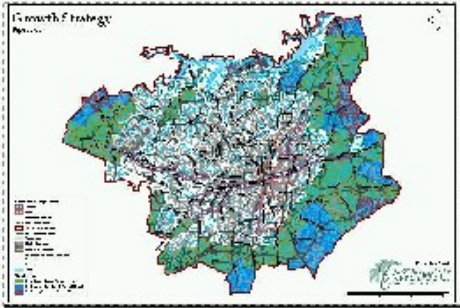
PROJECT TITLE

Mapping of Water and Sewer System

ACCOUNT NUMBER

511 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



The mapping is needed to bring Water Resources in line with the City's GIS goals, build a foundation for the work management system, and allow the Department to meet various regulatory requirements. Phase I involves an analysis and needs assessment by McKim and Creed for the Water Resources Department. Phase II involves the pilot project and the drafting of the project RFP's.

Funding in the amount of \$344,665 for this project was budgeted in 510-7011-01

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/03 |
| COMPLETION | 6/05 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|--------------------|------------|--------------|-----------------------|--------------------|
| FY 04-05 | \$1,000,000 | \$0 | \$0 | \$0 | \$1,000,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$1,000,000 | \$0 | \$0 | \$0 | \$1,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 | \$0 | \$0 | \$1,000,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 | \$0 | \$0 | \$1,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Sewer Mains | 4 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Bryan Blvd. Relocation Outfall Project | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Roadway improvements related to the Fed Ex expansion at the airport will require the relocation of utilities out of the NCDOT controlled access areas.

PROJECTED STATUS - JUNE 30, 2004

TOTAL APPROPRIATIONS
TOTAL EXPENDITURES
PROJECTED BALANCE

PROJECTED DATES

BEGINNING 07/04
COMPLETION 06/05

TYPE REQUEST

CONTINUATION
REVISION
X NEW

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$1,500,000 | \$0 | \$1,500,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$1,500,000 | \$0 | \$1,500,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,500,000 | \$0 | \$0 | \$1,500,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,500,000 | \$0 | \$0 | \$1,500,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Sewer Mains | Multi |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Cardinal Force Main Relocation and Gravity O/F | 511 - 70 62 - 04 |

PROJECT DESCRIPTION/JUSTIFICATION

Project involves the transferring of the Cardinal lift station flow from the Horsepen Creek station to the proposed Bledsoe Drive station. Project also includes construction of 7,000 lf of 16" replacement and new force main and 6,500 lf of 18" gravity sewer from Lewiston Rd. down to the Bledsoe station. The outfall coming into the Cardinal will be upgraded to accept the expected ultimate development in the Brush Creek basin by paralleling 4,800 lf of 15" sewer coming into the Cardinal station.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-------------|
| TOTAL APPROPRIATIONS | \$1,100,000 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$1,100,000 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/04 |
| COMPLETION | 06/05 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$1,100,000 | \$0 | \$1,100,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$1,100,000 | \$0 | \$1,100,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,100,000 | \$0 | \$0 | \$1,100,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,100,000 | \$0 | \$0 | \$1,100,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Sewer Mains

DISTRICT

PROJECT TITLE

I/85 Stub Outs Phase I

ACCOUNT NUMBER

511 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



Installation of sewer main extensions beneath I/85 as highway is constructed eliminates the need for more expensive boring or tunneling after highway is built.

Earlier portions of this project were funded through the capital reserve.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/01 |
| COMPLETION | 6/06 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| X REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$4,000,000 | \$0 | \$4,000,000 |
| FY 05-06 | \$0 | \$0 | \$500,000 | \$0 | \$500,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$4,500,000 | \$0 | \$4,500,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,000,000 | \$0 | \$0 | \$4,000,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,500,000 | \$0 | \$0 | \$4,500,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Sewer Mains

DISTRICT

PROJECT TITLE

I/85 Stub Outs Phase II

ACCOUNT NUMBER

512 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

Installation of sewer main extensions beneath I/85 as highway is constructed eliminates the need for more expensive boring or tunneling after highway is built.

Earlier portions of this project were funded through the capital reserve and 511 Bond Fund.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/06 |
| COMPLETION | 06/07 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| X REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$500,000 | \$0 | \$500,000 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$500,000 | \$0 | \$500,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Sewer Mains

DISTRICT

All

PROJECT TITLE

Sanitary Sewer Rehabilitation

ACCOUNT NUMBER

503 - 70 62 - 00

PROJECT DESCRIPTION/JUSTIFICATION



This is for the rehabilitation of various sewer lines and manholes to eliminate sources of infiltration and inflow. This project will provide for slip lining and other methods of rehabilitation of the current wastewater collection system. Areas are being targeted on the basis of CCTV reports as well as maintenance observations and records in order to maximize infiltration and inflow reduction.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/98 |
| COMPLETION | 06/14 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 05-06 | \$0 | \$0 | \$1,000,000 | \$0 | \$1,000,000 |
| FY 06-07 | \$0 | \$0 | \$1,000,000 | \$0 | \$1,000,000 |
| FY 07-08 | \$0 | \$0 | \$1,000,000 | \$0 | \$1,000,000 |
| FY 08-09 | \$0 | \$0 | \$1,500,000 | \$0 | \$1,500,000 |
| FY 09-10 | \$0 | \$0 | \$1,500,000 | \$0 | \$1,500,000 |
| Totals | \$0 | \$0 | \$6,750,000 | \$0 | \$6,750,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|--------------------|------------|---------------|------------|--------------|----------------|---------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| FY 05-06 | \$0 | \$1,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 |
| FY 06-07 | \$0 | \$1,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 |
| FY 07-08 | \$0 | \$1,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 |
| FY 08-09 | \$0 | \$1,500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,500,000 |
| FY 09-10 | \$0 | \$1,500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,500,000 |
| Totals | \$0 | \$6,750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,750,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Sewer Mains

DISTRICT

All

PROJECT TITLE

Sewer System Expansion - Various Locations

ACCOUNT NUMBER

503 - 70 62 - 01

PROJECT DESCRIPTION/JUSTIFICATION



Installation of various sewer lines throughout the City and surrounding service area, as approved by City Council. This includes funds for general system rehabilitation and new service based on citizen petition. Project funding will come from operating revenues.

The sanitary sewer upgrade program is designed to improve the current system and provide additional capacity in the system for future growth. Work includes providing upgrades to the trunk lines to increase capacity and the extension of sewer throughout the City to areas not currently served by sewer.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-------------|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$4,500,000 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/01 |
| COMPLETION | 06/10 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 05-06 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 06-07 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 07-08 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 08-09 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 09-10 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| Totals | \$0 | \$0 | \$4,500,000 | \$0 | \$4,500,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|--------------------|------------|---------------|------------|--------------|----------------|---------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| FY 05-06 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| FY 06-07 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| FY 07-08 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| FY 08-09 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| FY 09-10 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| Totals | \$0 | \$4,500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,500,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Sewer Pumping Stations

DISTRICT

3

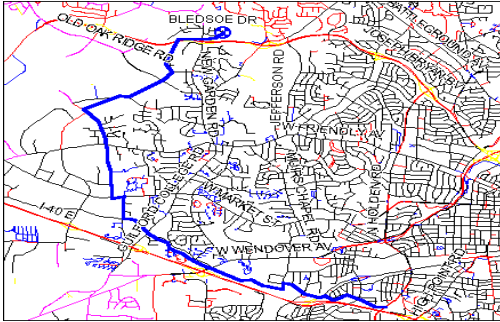
PROJECT TITLE

Bledsoe Drive Pump Station and Force Main

ACCOUNT NUMBER

511 - 0000 - 00

PROJECT DESCRIPTION/JUSTIFICATION



This project involves the construction of a 3+ ADF mgd station in the middle of the Horsepen Creek drainage basin just north of Bledsoe Drive. Project will also include approximately 24,000 lf of 24" force main.

This project will be funded through the Water Resources Capital Reserve and through revenue bonds sold in 2000.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-------------|
| TOTAL APPROPRIATIONS | \$7,000,000 |
| TOTAL EXPENDITURES | \$2,217,530 |
| PROJECTED BALANCE | \$4,782,470 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 7/05 |
| COMPLETION | 06/07 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$5,810,000 | \$0 | \$5,810,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$5,810,000 | \$0 | \$5,810,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,810,000 | \$0 | \$0 | \$5,810,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,810,000 | \$0 | \$0 | \$5,810,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Sewer Pumping Stations

DISTRICT

PROJECT TITLE

Brightwood Lift Station Replacement

ACCOUNT NUMBER

513 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



This lift station is proposed for replacement due to the age and current capacity of the existing station. The new station will be built downstream from the existing station to allow for sewer service to additional areas along the northeast side of the City. This area includes a portion of the 29 corridor which currently does not have sewer service.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/06 |
| COMPLETION | 6/07 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| X REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$2,500,000 | \$0 | \$2,500,000 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$2,500,000 | \$0 | \$2,500,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,500,000 | \$0 | \$0 | \$2,500,000 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,500,000 | \$0 | \$0 | \$2,500,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Sewer Pumping Stations | 3 |

| | |
|-------------------------------------|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Reedy Fork Lift Station Replacement | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION



Replace the existing station with updated station to add features and eliminate safety problems. The new station is to feature submersible pumps, comminutors, and will require a standby generator. A concrete block building of approximately 24' x 24' will be constructed to house the control equipment and the emergency generator.

Project increased in scope by the proposed Reedy Fork Development by Starmount Farms.

The station is justified on the basis of a need for additional wet well capacity to serve the area due to new industrial development and because the station is reaching the end of its service life. The Reedy Fork station was built in 1986 and is presently 16 years old.

Funding in the amount of \$9,857,710 was budgeted in 510-7044-04 for this project.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-------------|
| TOTAL APPROPRIATIONS | \$9,857,710 |
| TOTAL EXPENDITURES | \$7,857,710 |
| PROJECTED BALANCE | \$2,000,000 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/03 |
| COMPLETION | 6/05 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| X REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$2,000,000 | \$0 | \$2,000,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$2,000,000 | \$0 | \$2,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,000,000 | \$0 | \$0 | \$2,000,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,000,000 | \$0 | \$0 | \$2,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Sewer Pumping Stations | CTY |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Rock Creek Lift Station Rehabilitation | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project will include the evaluation of the current hydraulic loading of the pump station to determine what percentage of its existing capacity is being used. The study will look at the alternatives available to the City to increase the pumping capacity of the station. As part of the study, a land use evaluation will be done to consider the effects of the development occurring in the Rock Creek basin as well as the impact of the division of the area among Greensboro's and Burlington's service areas.

The area served by the pump station is currently undergoing significant residential growth with more projects planned. The Rock Creek pump station is a critical station because it sits at the head of Burlington's drinking water reservoir, Lake MacIntosh. Plans must be made to ensure that the station can continue to safely handle the flows it receives.

PROJECTED STATUS - JUNE 30, 2004

TOTAL APPROPRIATIONS
TOTAL EXPENDITURES
PROJECTED BALANCE

PROJECTED DATES

BEGINNING 07/04
COMPLETION 06/05

TYPE REQUEST

CONTINUATION
REVISION
X NEW

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$100,000 | \$0 | \$0 | \$0 | \$100,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$100,000 | \$0 | \$0 | \$0 | \$100,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/ Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|-----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$100,000 | \$0 | \$0 | \$100,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$100,000 | \$0 | \$0 | \$100,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Stormwater Management | All |

| | |
|-------------------------------|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Culvert & Bridge Improvements | 203 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

The citywide master planning process will identify a large number of existing culverts and bridges which are undersized to carry existing and future storm and flood flows. This category of projects will allow retrofits or new structures to be constructed to minimize flooding and improve public safety by not allowing flood waters to overtop public roadways.

PROJECTED STATUS - JUNE 30, 2004

TOTAL APPROPRIATIONS
TOTAL EXPENDITURES
PROJECTED BALANCE

PROJECTED DATES

BEGINNING 07/04
COMPLETION 06/10

TYPE REQUEST

CONTINUATION
REVISION
X NEW

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$100,000 | \$0 | \$565,834 | \$0 | \$665,834 |
| FY 05-06 | \$100,000 | \$0 | \$565,834 | \$0 | \$665,834 |
| FY 06-07 | \$100,000 | \$0 | \$565,833 | \$0 | \$665,833 |
| FY 07-08 | \$100,000 | \$0 | \$565,833 | \$0 | \$665,833 |
| FY 08-09 | \$100,000 | \$0 | \$565,833 | \$0 | \$665,833 |
| FY 09-10 | \$100,000 | \$0 | \$565,833 | \$0 | \$665,833 |
| Totals | \$600,000 | \$0 | \$3,395,000 | \$0 | \$3,995,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|--------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$265,834 | \$0 | \$0 | \$665,834 |
| FY 05-06 | \$0 | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$265,834 | \$0 | \$0 | \$665,834 |
| FY 06-07 | \$0 | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$265,833 | \$0 | \$0 | \$665,833 |
| FY 07-08 | \$0 | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$265,833 | \$0 | \$0 | \$665,833 |
| FY 08-09 | \$0 | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$265,833 | \$0 | \$0 | \$665,833 |
| FY 09-10 | \$0 | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$265,833 | \$0 | \$0 | \$665,833 |
| Totals | \$0 | \$2,400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,595,000 | \$0 | \$0 | \$3,995,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Stormwater Management

DISTRICT

All

PROJECT TITLE

Flood Hazard Minimization

ACCOUNT NUMBER

203 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

This project includes the design and construction of various measures to reduce the potential for loss of life and property due to flooding of both public and private structures. Specific measures may include floodproofing, floodwalls, elevation, relocation, etc.

PROJECTED STATUS - JUNE 30, 2004

TOTAL APPROPRIATIONS

TOTAL EXPENDITURES

PROJECTED BALANCE

PROJECTED DATES

BEGINNING 07/04

COMPLETION 06/10

TYPE REQUEST

CONTINUATION

REVISION

X NEW

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$100,000 | \$0 | \$562,500 | \$0 | \$662,500 |
| FY 05-06 | \$100,000 | \$0 | \$562,500 | \$0 | \$662,500 |
| FY 06-07 | \$100,000 | \$0 | \$562,500 | \$0 | \$662,500 |
| FY 07-08 | \$100,000 | \$0 | \$562,500 | \$0 | \$662,500 |
| FY 08-09 | \$100,000 | \$0 | \$562,500 | \$0 | \$662,500 |
| FY 09-10 | \$100,000 | \$0 | \$562,500 | \$0 | \$662,500 |
| Totals | \$600,000 | \$0 | \$3,375,000 | \$0 | \$3,975,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|--------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$300,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$362,500 | \$0 | \$0 | \$662,500 |
| FY 05-06 | \$0 | \$300,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$362,500 | \$0 | \$0 | \$662,500 |
| FY 06-07 | \$0 | \$300,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$362,500 | \$0 | \$0 | \$662,500 |
| FY 07-08 | \$0 | \$300,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$362,500 | \$0 | \$0 | \$662,500 |
| FY 08-09 | \$0 | \$300,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$362,500 | \$0 | \$0 | \$662,500 |
| FY 09-10 | \$0 | \$300,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$362,500 | \$0 | \$0 | \$662,500 |
| Totals | \$0 | \$1,800,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,175,000 | \$0 | \$0 | \$3,975,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Stormwater Management | All |

| | |
|--------------------------|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Pipe System Improvements | 203 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Through the inventory, modeling, and master planning process, many areas will be identified where the storm sewer infrastructure will require replacements or retrofits to ensure that local neighborhoods and smaller drainage systems perform adequately in design storm events. Projects include the replacement of degraded storm sewers and the installation of pipe systems where infrastructure is lacking, thereby minimizing drainage and flooding conditions which exist throughout the city.

PROJECTED STATUS - JUNE 30, 2004

TOTAL APPROPRIATIONS
TOTAL EXPENDITURES
PROJECTED BALANCE

PROJECTED DATES

BEGINNING 07/04
COMPLETION 06/10

TYPE REQUEST

CONTINUATION
REVISION
X NEW

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$116,000 | \$0 | \$604,000 | \$0 | \$720,000 |
| FY 05-06 | \$116,000 | \$0 | \$604,000 | \$0 | \$720,000 |
| FY 06-07 | \$116,000 | \$0 | \$604,000 | \$0 | \$720,000 |
| FY 07-08 | \$116,000 | \$0 | \$604,000 | \$0 | \$720,000 |
| FY 08-09 | \$116,000 | \$0 | \$604,000 | \$0 | \$720,000 |
| FY 09-10 | \$116,000 | \$0 | \$604,000 | \$0 | \$720,000 |
| Totals | \$696,000 | \$0 | \$3,624,000 | \$0 | \$4,320,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|--------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$320,000 | \$0 | \$0 | \$720,000 |
| FY 05-06 | \$0 | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$320,000 | \$0 | \$0 | \$720,000 |
| FY 06-07 | \$0 | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$320,000 | \$0 | \$0 | \$720,000 |
| FY 07-08 | \$0 | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$320,000 | \$0 | \$0 | \$720,000 |
| FY 08-09 | \$0 | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$320,000 | \$0 | \$0 | \$720,000 |
| FY 09-10 | \$0 | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$320,000 | \$0 | \$0 | \$720,000 |
| Totals | \$0 | \$2,400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,920,000 | \$0 | \$0 | \$4,320,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Stormwater Management | All |

| | |
|----------------------|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Stream Restoration | 203 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Funds will be used for the design and construction of stream restoration projects, including stabilization techniques and modifications to stream dimension, pattern, and profile. Non-traditional stabilization techniques and Rosgen-based stream restoration shall be employed to protect water quality and minimize erosive impacts to streams and adjoining property.

PROJECTED STATUS - JUNE 30, 2004

TOTAL APPROPRIATIONS
TOTAL EXPENDITURES
PROJECTED BALANCE

PROJECTED DATES

BEGINNING 07/04
COMPLETION 06/10

TYPE REQUEST

CONTINUATION
REVISION
X NEW

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$60,000 | \$0 | \$172,500 | \$0 | \$232,500 |
| FY 05-06 | \$60,000 | \$0 | \$172,500 | \$0 | \$232,500 |
| FY 06-07 | \$60,000 | \$0 | \$172,500 | \$0 | \$232,500 |
| FY 07-08 | \$60,000 | \$0 | \$172,500 | \$0 | \$232,500 |
| FY 08-09 | \$60,000 | \$0 | \$172,500 | \$0 | \$232,500 |
| FY 09-10 | \$60,000 | \$0 | \$172,500 | \$0 | \$232,500 |
| Totals | \$360,000 | \$0 | \$1,035,000 | \$0 | \$1,395,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|--------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$32,500 | \$0 | \$0 | \$232,500 |
| FY 05-06 | \$0 | \$200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$32,500 | \$0 | \$0 | \$232,500 |
| FY 06-07 | \$0 | \$200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$32,500 | \$0 | \$0 | \$232,500 |
| FY 07-08 | \$0 | \$200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$32,500 | \$0 | \$0 | \$232,500 |
| FY 08-09 | \$0 | \$200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$32,500 | \$0 | \$0 | \$232,500 |
| FY 09-10 | \$0 | \$200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$32,500 | \$0 | \$0 | \$232,500 |
| Totals | \$0 | \$1,200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$195,000 | \$0 | \$0 | \$1,395,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Stormwater Management | All |

| | |
|----------------------|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Water Quality BMPs | 203 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Funds will be used for the design and construction of Best Management Practices (BMPs) to protect water quality by reducing the amount of trash, sediment, and pollutants entering Greensboro's streams and water supply lakes. Specific BMPs include the design and construction of ponds, bioretention areas, wetlands, etc. They may also include the installation of proprietary devices and the retrofit of existing ponds.

PROJECTED STATUS - JUNE 30, 2004

TOTAL APPROPRIATIONS
TOTAL EXPENDITURES
PROJECTED BALANCE

PROJECTED DATES

BEGINNING 07/04
COMPLETION 06/10

TYPE REQUEST

CONTINUATION
REVISION
X NEW

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$50,000 | \$0 | \$169,166 | \$0 | \$219,166 |
| FY 05-06 | \$50,000 | \$0 | \$169,166 | \$0 | \$219,166 |
| FY 06-07 | \$50,000 | \$0 | \$169,167 | \$0 | \$219,167 |
| FY 07-08 | \$50,000 | \$0 | \$169,167 | \$0 | \$219,167 |
| FY 08-09 | \$50,000 | \$0 | \$169,167 | \$0 | \$219,167 |
| FY 09-10 | \$50,000 | \$0 | \$169,167 | \$0 | \$219,167 |
| Totals | \$300,000 | \$0 | \$1,015,000 | \$0 | \$1,315,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|--------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$19,166 | \$0 | \$0 | \$219,166 |
| FY 05-06 | \$0 | \$200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$19,166 | \$0 | \$0 | \$219,166 |
| FY 06-07 | \$0 | \$200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$19,167 | \$0 | \$0 | \$219,167 |
| FY 07-08 | \$0 | \$200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$19,167 | \$0 | \$0 | \$219,167 |
| FY 08-09 | \$0 | \$200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$19,167 | \$0 | \$0 | \$219,167 |
| FY 09-10 | \$0 | \$200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$19,167 | \$0 | \$0 | \$219,167 |
| Totals | \$0 | \$1,200,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$115,000 | \$0 | \$0 | \$1,315,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-----------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Wastewater Treatment Plants | 2 |

| | |
|---|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| NB Total Nitrogen Upgrade to Meet HB515 Phase I | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION



Major renovations of the facility to meet the total nitrogen limit required by State.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/04 |
| COMPLETION | 6/05 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------|-----------------------|------------------|
| FY 04-05 | \$500,000 | \$0 | \$0 | \$0 | \$500,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$500,000 | \$0 | \$0 | \$0 | \$500,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-----------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Wastewater Treatment Plants | 2 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| NB Total Nitrogen Upgrade to Meet HB515 Phase II | 513 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Major renovations of the facility to meet the total nitrogen limit required by State.

| | | |
|---|------------------------|---------------------|
| PROJECTED STATUS - JUNE 30, 2004 | PROJECTED DATES | TYPE REQUEST |
| TOTAL APPROPRIATIONS \$0 | BEGINNING 07/06 | CONTINUATION |
| TOTAL EXPENDITURES \$0 | COMPLETION 06/07 | X REVISION |
| PROJECTED BALANCE \$0 | | NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|---------------------|-----------------------|---------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$24,000,000 | \$0 | \$24,000,000 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$24,000,000 | \$0 | \$24,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|-------------------|----------------------|---------------|---------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 24,000,000 | \$0 | \$0 | \$24,000,000 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 24,000,000 | \$0 | \$0 | \$24,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Wastewater Treatment Plants

DISTRICT

PROJECT TITLE

North Buffalo Fuel Tank Replacement

ACCOUNT NUMBER

511 - 7051 - 01

PROJECT DESCRIPTION/JUSTIFICATION



Replace existing fuel tank (single wall) with new double wall tank to meet code and provide leak protection.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----------|
| TOTAL APPROPRIATIONS | \$240,000 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$240,000 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/04 |
| COMPLETION | 6/05 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$240,000 | \$0 | \$240,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$240,000 | \$0 | \$240,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$240,000 | \$0 | \$0 | \$240,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$240,000 | \$0 | \$0 | \$240,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-----------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Wastewater Treatment Plants | 2 |

| | |
|---|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| North Buffalo Sanitary Sewer Improvements Phase I | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION



Project intended to mitigate sewer overflows in Latham Park Area. Phase I-Install 7,100 feet of 54 inch sewer from Hill St. to Church St. Install 11,000 feet of 54 inch - 72 inch sewer from Church St. to North Buffalo Waste Water Treatment Plant. Phase II-Install 2,700 feet of 54 inch sewer from Benjamin Parkway to Hill St.

The existing system has reached its full capacity. This is in conjunction with identified restrictions in the system which results in occasional wet weather overflows.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/04 |
| COMPLETION | 06/06 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|---------------------|-----------------------|---------------------|
| FY 04-05 | \$0 | \$0 | \$4,400,000 | \$0 | \$4,400,000 |
| FY 05-06 | \$0 | \$0 | \$6,700,000 | \$0 | \$6,700,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$11,100,000 | \$0 | \$11,100,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|-------------------|----------------------|---------------|---------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,400,000 | \$0 | \$0 | \$4,400,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,700,000 | \$0 | \$0 | \$6,700,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 11,100,000 | \$0 | \$0 | \$11,100,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-----------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Wastewater Treatment Plants | 2 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| North Buffalo Sanitary Sewer Improvements Phase II | 512 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Project intended to mitigate sewer overflows in Latham Park Area. Phase I-Install 7,100 feet of 54 inch sewer from Hill St. to Church St. Install 11,000 feet of 54 inch - 72 inch sewer from Church St. to North Buffalo Waste Water Treatment Plant. Phase II-Install 2,700 feet of 54 inch sewer from Benjamin Parkway to Hill St.

The existing system has reached its full capacity. This is in conjunction with identified restrictions in the system which results in occasional wet weather overflows.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/06 |
| COMPLETION | 06/07 |

TYPE REQUEST

| | |
|--------------|--|
| CONTINUATION | |
| X REVISION | |
| NEW | |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|---------------------|-----------------------|---------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$13,000,000 | \$0 | \$13,000,000 |
| FY 07-08 | \$0 | \$0 | \$13,000,000 | \$0 | \$13,000,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$26,000,000 | \$0 | \$26,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|-------------------|----------------------|---------------|---------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 13,000,000 | \$0 | \$0 | \$13,000,000 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 13,000,000 | \$0 | \$0 | \$13,000,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 26,000,000 | \$0 | \$0 | \$26,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Wastewater Treatment Plants

DISTRICT

PROJECT TITLE

North Buffalo WWTP Flow Equalization Transfer Booster Stat.

ACCOUNT NUMBER

503 - 70 51 - 01

PROJECT DESCRIPTION/JUSTIFICATION



Design and construct an in-line booster station in the existing flow equalization force main to increase the transfer flow from North Buffalo to T.Z. Osborne. This will allow North Buffalo to transfer peak rates of flow over to the TZO WWTP and utilize the Storage and treatment capacity at the TZO WWTP.

Earlier portions of this project were funded through capital reserve.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/02 |
| COMPLETION | 06/06 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|---------------------|-----------------------|---------------------|
| FY 04-05 | \$0 | \$0 | \$6,750,000 | \$0 | \$6,750,000 |
| FY 05-06 | \$0 | \$0 | \$6,750,000 | \$0 | \$6,750,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$13,500,000 | \$0 | \$13,500,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|-------------------|----------------------|---------------|---------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,750,000 | \$0 | \$0 | \$6,750,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$6,750,000 | \$0 | \$0 | \$6,750,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 13,500,000 | \$0 | \$0 | \$13,500,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-----------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Wastewater Treatment Plants | 2 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| TZ Osborne WWTP Lab Building Addition-Construction | 512 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Design and construction on new wing for the administration building for expanded Lab and operation.

Due to additional work load in the lab, additional test procedures will need to run which will require adding work stations. We are also anticipating additions to industrial waste program which will require additional staffing. There will need to be some reallocation of space based on man power to comply with the new limits there is not enough existing space

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/07 |
| COMPLETION | 06/08 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| X REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 | \$0 | \$0 | \$750,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 | \$0 | \$0 | \$750,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Wastewater Treatment Plants

DISTRICT

2

PROJECT TITLE

TZ Osborne WWTP Lab Building Addition-Engineering

ACCOUNT NUMBER

511 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



Design and construction on new wing for the administration building for expanded Lab and operation.

Due to additional work load in the lab, additional test procedures will need to run which will require adding work stations. We are also anticipating additions to industrial waste program which will require additional staffing. There will need to be some reallocation of space based on man power to comply with the new limits there is not enough existing space

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/05 |
| COMPLETION | 6/06 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------|-----------------------|-----------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$75,000 | \$0 | \$0 | \$0 | \$75,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$75,000 | \$0 | \$0 | \$0 | \$75,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|-----------------|----------------------|---------------|-----------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$75,000 | \$0 | \$0 | \$75,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$75,000 | \$0 | \$0 | \$75,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-----------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Wastewater Treatment Plants | 2 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| TZO - New Fluid-Bed Incinerator-Construction | 512 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Project will provide solids disposal equipment for expanded treatment facility. The incinerator not only adds increased capacity, but also provides redundancy for operations. This will help reduce the need to dewater and haul when the existing incinerator is down.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | | |
|------------|-------|--|
| BEGINNING | 06/07 | |
| COMPLETION | 07/08 | |

TYPE REQUEST

| | | |
|--------------|--|--|
| CONTINUATION | | |
| REVISION | | |
| X NEW | | |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$7,500,000 | \$0 | \$7,500,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$7,500,000 | \$0 | \$7,500,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,500,000 | \$0 | \$0 | \$7,500,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,500,000 | \$0 | \$0 | \$7,500,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-----------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Wastewater Treatment Plants | 2 |

| | |
|---|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| TZO - New Fluid-Bed Incinerator-Engineering | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Project will provide solids disposal equipment for expanded treatment facility. The incinerator not only adds increased capacity, but also provides redundancy for operations. This will help reduce the need to dewater and haul when the existing incinerator is down

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/05 |
| COMPLETION | 06/06 |

TYPE REQUEST

| | |
|--------------|--|
| CONTINUATION | |
| REVISION | |
| X NEW | |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$500,000 | \$0 | \$0 | \$0 | \$500,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$500,000 | \$0 | \$0 | \$0 | \$500,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Wastewater Treatment Plants

DISTRICT

PROJECT TITLE

TZO - Sludge Bulk Handling Improvements

ACCOUNT NUMBER

511 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



Addition to facilities at TZ Osborne WWTP to improve the process of handling sludge produced as part of the treatment process. This project would provide a back up system to the existing fluid bed incinerator. This would not require major building modifications and would control the cost for sludge disposal.

Funding in the amount of \$797,115 for this project was budgeted in 510-7056-01

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----------|
| TOTAL APPROPRIATIONS | \$797,115 |
| TOTAL EXPENDITURES | \$420,124 |
| PROJECTED BALANCE | \$376,991 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/05 |
| COMPLETION | 6/07 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$2,000,000 | \$0 | \$2,000,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$2,000,000 | \$0 | \$2,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,000,000 | \$0 | \$0 | \$2,000,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,000,000 | \$0 | \$0 | \$2,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-----------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Wastewater Treatment Plants | 2 |

| | |
|---|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| TZO Total Nitrogen Upgrade to meet HB 515 Phase I | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION



Major renovation the facility to meet the total nitrogen limit required by the State. The pilot project could substantially reduce this cost if successful.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/04 |
| COMPLETION | 6/05 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| X REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------|-----------------------|------------------|
| FY 04-05 | \$500,000 | \$0 | \$0 | \$0 | \$500,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$500,000 | \$0 | \$0 | \$0 | \$500,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-----------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Wastewater Treatment Plants | 2 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| TZO Total Nitrogen Upgrade to meet HB 515 Phase II | 513 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Major renovation the facility to meet the total nitrogen limit required by the State. The pilot project could substantially reduce this cost if successful.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/06 |
| COMPLETION | 06/07 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| X REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|---------------------|-----------------------|---------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$10,000,000 | \$0 | \$10,000,000 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$10,000,000 | \$0 | \$10,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/ Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|-------------------|-----------------------|---------------|---------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 10,000,000 | \$0 | \$0 | \$10,000,000 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 10,000,000 | \$0 | \$0 | \$10,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Mains

DISTRICT

2

PROJECT TITLE

Gorrell Street Water Tank Painting/Repairs/Refurbishing

ACCOUNT NUMBER

503 - 000 - 00

PROJECT DESCRIPTION/JUSTIFICATION



The City's elevated water tanks require periodic detailed maintenance to keep them functional and to maximize the service life of the tanks. Work includes repair of broken portions of the structures, installing features to keep the tanks in compliance with applicable codes, removal of lead-based paint, and repainting of the interior/exterior of the tanks as required.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 09/04 |
| COMPLETION | 06/04 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|------------------|-----------------------|--------------------|
| FY 04-05 | \$330,000 | \$0 | \$670,000 | \$0 | \$1,000,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$330,000 | \$0 | \$670,000 | \$0 | \$1,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|--------------------|------------|---------------|------------|--------------|----------------|---------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$1,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$1,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Mains

DISTRICT

2

PROJECT TITLE

Lees Chapel Water Tank Rehabilitation-Exterior

ACCOUNT NUMBER

512 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

Project includes the rehabilitation of the Lees Chapel Water Tank (interior dry, interior wet, exterior), the removal of existing coatings, the repainting of the tank with a new coating system, and the completion of various structural and safety-related repairs.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/07 |
| COMPLETION | 06/08 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 | \$0 | \$0 | \$750,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 | \$0 | \$0 | \$750,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Mains | 2 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Lees Chapel Water Tank Rehabilitation-Interior | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Project includes the rehabilitation of the Lees Chapel Water Tank (interior dry, interior wet, exterior), the removal of existing coatings, the repainting of the tank with a new coating system, and the completion of various structural and safety-related repairs.

| | | |
|---|------------------------|---------------------|
| PROJECTED STATUS - JUNE 30, 2004 | PROJECTED DATES | TYPE REQUEST |
| TOTAL APPROPRIATIONS \$0 | BEGINNING 07/04 | CONTINUATION |
| TOTAL EXPENDITURES \$0 | COMPLETION 06/05 | REVISION |
| PROJECTED BALANCE \$0 | | X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$361,000 | \$0 | \$361,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$361,000 | \$0 | \$361,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$361,000 | \$0 | \$0 | \$361,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$361,000 | \$0 | \$0 | \$361,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Mains

DISTRICT

4

PROJECT TITLE

Muir's Chapel High Exterior

ACCOUNT NUMBER

503 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



The City's elevated tank requires periodic repair and maintenance to keep them functional. These funds will be used to repaint the exterior of tank and to remove lead base paint.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 01/05 |
| COMPLETION | 06/06 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$99,000 | \$0 | \$201,000 | \$0 | \$300,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$99,000 | \$0 | \$201,000 | \$0 | \$300,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|---------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$300,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$300,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$300,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$300,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Mains

DISTRICT

4

PROJECT TITLE

Muirs Chapel Low Exterior

ACCOUNT NUMBER

503 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



The City's elevated tank requires periodic repair and maintenance to keep them functional. These funds will be used to repaint the exterior of tank and to remove lead base paint.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/05 |
| COMPLETION | 06/06 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$85,800 | \$0 | \$174,200 | \$0 | \$260,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$85,800 | \$0 | \$174,200 | \$0 | \$260,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|---------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$260,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$260,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$260,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$260,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Mains | |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Randleman Reservoir - Feeder Main Construction | 512 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Connection from the Randleman Reservoir to the City's supply system. The project includes approximately 47,000 feet of 30" and 24" mains. This project will enable the City to connect to the reservoir being created by the construction of Randleman Dam.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/06 |
| COMPLETION | 06/07 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$7,000,000 | \$0 | \$7,000,000 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$7,000,000 | \$0 | \$7,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,000,000 | \$0 | \$0 | \$7,000,000 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$7,000,000 | \$0 | \$0 | \$7,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Mains

DISTRICT

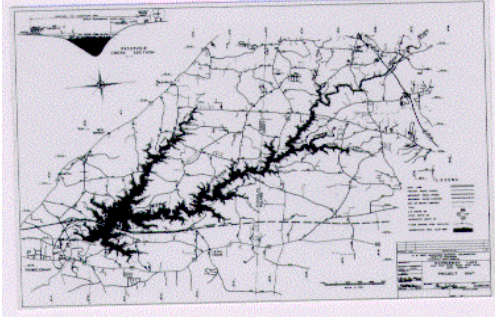
PROJECT TITLE

Randleman Reservoir - Feeder Main Engineering

ACCOUNT NUMBER

511 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



Connection from the Randleman Reservoir to the City's supply system. The project includes approximately 47,000 feet of 30" and 24" mains. This project will enable the City to connect to the reservoir being created by the construction of Randleman Dam.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/04 |
| COMPLETION | 06/05 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$500,000 | \$0 | \$500,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$500,000 | \$0 | \$500,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Mains

DISTRICT

All

PROJECT TITLE

Water Line Replacement

ACCOUNT NUMBER

503 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

Funding will pay for the replacement of sub-standard water lines.



PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 01/02 |
| COMPLETION | 06/14 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$500,000 | \$0 | \$500,000 |
| FY 05-06 | \$0 | \$0 | \$500,000 | \$0 | \$500,000 |
| FY 06-07 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 07-08 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 08-09 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 09-10 | \$0 | \$0 | \$1,000,000 | \$0 | \$1,000,000 |
| Totals | \$0 | \$0 | \$4,250,000 | \$0 | \$4,250,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|--------------------|------------|---------------|------------|--------------|----------------|---------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 |
| FY 05-06 | \$0 | \$500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 |
| FY 06-07 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| FY 07-08 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| FY 08-09 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| FY 09-10 | \$0 | \$1,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 |
| Totals | \$0 | \$4,250,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,250,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Mains

DISTRICT

All

PROJECT TITLE

Water System Expansion - Various Locations

ACCOUNT NUMBER

503 - 70 61 - 01

PROJECT DESCRIPTION/JUSTIFICATION



Installation of various water lines throughout the City and surrounding service area, as approved by City Council. This includes funds for general system rehabilitation, service to newly annexed areas and new service based on citizen petition.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/01 |
| COMPLETION | 6/14 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$500,000 | \$0 | \$500,000 |
| FY 05-06 | \$0 | \$0 | \$500,000 | \$0 | \$500,000 |
| FY 06-07 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 07-08 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 08-09 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| FY 09-10 | \$0 | \$0 | \$750,000 | \$0 | \$750,000 |
| Totals | \$0 | \$0 | \$4,000,000 | \$0 | \$4,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|--------------------|------------|---------------|------------|--------------|----------------|---------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 |
| FY 05-06 | \$0 | \$500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 |
| FY 06-07 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| FY 07-08 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| FY 08-09 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| FY 09-10 | \$0 | \$750,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$750,000 |
| Totals | \$0 | \$4,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Supply

DISTRICT

PROJECT TITLE

Water Plant Security Plans Phase I-II

ACCOUNT NUMBER

511 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



Implementation of security plans developed as part of the Vulnerability Assessment conducted by Water Supply. Projects include card reader entry control systems, perimeter detection systems, intrusion detection for remote sites, and remote control shutdown capability for pump stations.

Funding in the amount of \$136,699 for this project was budgeted in 510-7025-02

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----------|
| TOTAL APPROPRIATIONS | \$136,400 |
| TOTAL EXPENDITURES | \$114,493 |
| PROJECTED BALANCE | \$21,907 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/03 |
| COMPLETION | 6/06 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$330,000 | \$0 | \$670,000 | \$0 | \$1,000,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$330,000 | \$0 | \$670,000 | \$0 | \$1,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 | \$0 | \$0 | \$1,000,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 | \$0 | \$0 | \$1,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Supply

DISTRICT

PROJECT TITLE

Water Plant Security Plans Phase III-IV

ACCOUNT NUMBER

512 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

Implementation of security plans developed as part of the Vulnerability Assessment conducted by Water Supply. Projects include card reader entry control systems, perimeter detection systems, intrusion detection for remote sites, and remote control shutdown capability for pump stations.

Funding in the amount of \$136,699 for this project was budgeted in 510-7025-02 and Bond Fund 511.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/07 |
| COMPLETION | 06/08 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$1,025,000 | \$0 | \$1,025,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$1,025,000 | \$0 | \$1,025,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,025,000 | \$0 | \$0 | \$1,025,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,025,000 | \$0 | \$0 | \$1,025,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

3

PROJECT TITLE

Bulk Fuel Storage - Mitchell

ACCOUNT NUMBER

513 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

This project will replace and better locate the storage and transfer of diesel fuel to the pump engines. Outdated tank replacement, improved secondary containment, and improved piping safety will be gained by replacing this aged equipment. This project improves safety and reduces threats to environmental contamination by replacing aged systems with more modern equipment.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/09 |
| COMPLETION | 06/10 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$100,000 | \$0 | \$300,000 | \$0 | \$400,000 |
| Totals | \$100,000 | \$0 | \$300,000 | \$0 | \$400,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400,000 | \$0 | \$0 | \$400,000 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400,000 | \$0 | \$0 | \$400,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | |

| | |
|---|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Centralized Laboratory Upgrade (MFP) – Construction | 513 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

Needed to accommodate increase in lab staff, room for additional analytical equipment, and ability to accommodate the lab work for the coming rules and regulations.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/09 |
| COMPLETION | 06/10 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$2,100,000 | \$0 | \$2,100,000 |
| Totals | \$0 | \$0 | \$2,100,000 | \$0 | \$2,100,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/ Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|-----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,100,000 | \$0 | \$0 | \$2,100,000 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,100,000 | \$0 | \$0 | \$2,100,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

PROJECT TITLE

Centralized Laboratory Upgrade (MFP) - Engineering

ACCOUNT NUMBER

512 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



Needed to accommodate increase in lab staff, room for additional analytical equipment, and ability to accommodate the lab work for the coming rules and regulations.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/07 |
| COMPLETION | 06/08 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$422,000 | \$0 | \$0 | \$0 | \$422,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$422,000 | \$0 | \$0 | \$0 | \$422,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$422,000 | \$0 | \$0 | \$422,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$422,000 | \$0 | \$0 | \$422,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|---|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Diesel Generator - Mitchell and Townsend - Construction | 512 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project will install one power generator at Mitchell Water Plant and one at Townsend Water Plant. These generators will provide power for producing water during a power interruption. Providing backup power greatly reduces the vulnerability of losing the ability of the plant to effectively and safely produce water.

| | | |
|---|------------------------|---------------------|
| PROJECTED STATUS - JUNE 30, 2004 | PROJECTED DATES | TYPE REQUEST |
| TOTAL APPROPRIATIONS \$0 | BEGINNING 07/07 | CONTINUATION |
| TOTAL EXPENDITURES \$0 | COMPLETION 06/08 | REVISION |
| PROJECTED BALANCE \$0 | | X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$4,758,000 | \$0 | \$4,758,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$4,758,000 | \$0 | \$4,758,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,758,000 | \$0 | \$0 | \$4,758,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,758,000 | \$0 | \$0 | \$4,758,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Diesel Generator - Mitchell and Townsend - Engineering | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project will install one power generator at Mitchell Water Plant and one at Townsend Water Plant. These generators will provide power for producing water during a power interruption. Providing backup power greatly reduces the vulnerability of losing the ability of the plant to effectively and safely produce water.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/05 |
| COMPLETION | 06/06 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$942,000 | \$0 | \$0 | \$0 | \$942,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$942,000 | \$0 | \$0 | \$0 | \$942,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$942,000 | \$0 | \$0 | \$942,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$942,000 | \$0 | \$0 | \$942,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

3

PROJECT TITLE

Earthen Dam Maintenance Project - Higgins

ACCOUNT NUMBER

513 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

This project will restore the earthen dams for three high hazard water supply reservoirs. Project scope will include removal of growth and debris, installation of rip rap and Geotile/textile material for long term erosion protection.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/09 |
| COMPLETION | 06/10 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$500,000 | \$0 | \$500,000 |
| Totals | \$0 | \$0 | \$500,000 | \$0 | \$500,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|---|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Earthen Dam Maintenance Project - Townsend/Brandt | 512 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project will restore the earthen dams for three high hazard water supply reservoirs. Project scope will include removal of growth and debris, installation of rip rap and Geotile/textile material for long term erosion protection.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/06 |
| COMPLETION | 06/08 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$720,000 | \$0 | \$0 | \$0 | \$720,000 |
| FY 07-08 | \$0 | \$0 | \$1,900,000 | \$0 | \$1,900,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$720,000 | \$0 | \$1,900,000 | \$0 | \$2,620,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/ Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|-----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$720,000 | \$0 | \$0 | \$720,000 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,900,000 | \$0 | \$0 | \$1,900,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,620,000 | \$0 | \$0 | \$2,620,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Fuel Oil Tank and Containment Renovation for Brandt/Townsend | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION



The existing Fuel Oil Tank Facility located at the Lake Brandt Pumping Station is above ground, feeding a gravity pipe into the engine room/basement area. The project will require replacement of existing tanks and feed pipe system with a double walled tank, transfer pumps and day tanks. Installation shall meet all current regulatory and code requirements. The Tonwsend Facility will require modifications to existing Fuel Oil Tank Piping, replacing existing buried piping with new, utilizing a transfer pump and day tank system. Additionally, the plant basement drain system (under the engine room) will require separate containment and possible oil separation equipment.

At one time, funds were budgeted for this project in 510-7025-05

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/04 |
| COMPLETION | 6/05 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$580,000 | \$0 | \$580,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$580,000 | \$0 | \$580,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$580,000 | \$0 | \$0 | \$580,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$580,000 | \$0 | \$0 | \$580,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

PROJECT TITLE

Lake Townsend Dam Repairs Phase I

ACCOUNT NUMBER

511 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



Concrete repairs to spillways, joints and piers on the downstream face. Project will also include repairs to flood gates and seals, paint coating removal and new coat application. Project will require engineering and inspection for assurance.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/05 |
| COMPLETION | 06/06 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$600,000 | \$0 | \$0 | \$0 | \$600,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$600,000 | \$0 | \$0 | \$0 | \$600,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$600,000 | \$0 | \$0 | \$600,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$600,000 | \$0 | \$0 | \$600,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

PROJECT TITLE

Lake Townsend Dam Repairs Phase II

ACCOUNT NUMBER

512 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

Concrete repairs to spillways, joints and piers on the downstream face. Project will also include repairs to flood gates and seals, paint coating removal and new coat application. Project will require engineering and inspection for assurance.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/07 |
| COMPLETION | 06/08 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$3,400,000 | \$0 | \$3,400,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$3,400,000 | \$0 | \$3,400,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$3,400,000 | \$0 | \$0 | \$3,400,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$3,400,000 | \$0 | \$0 | \$3,400,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|---|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Lake Townsend WTP Upgrade for Electrical and Low Lift Pumps | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION



Install new digital direct current drive, 1500 HP, including 460 VAC. Work includes electrical panel(s), instrumentation, installation, and as-built drawings.

Existing D.C. drive is 16 years old. It is a 'first-generation' model for which replacement parts and circuit boards are extremely expensive. In addition, engineering technical support from the manufacturer is considered to be poor as the equipment is now considered to be obsolete. This drive runs the main 18 mgd high lift pump at Lake Townsend Water Treatment Plant. Long-term problems and down time with this unit have been hampering its reliability

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/04 |
| COMPLETION | 6/06 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$1,000,000 | \$0 | \$1,000,000 |
| FY 05-06 | \$0 | \$0 | \$1,250,000 | \$0 | \$1,250,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$2,250,000 | \$0 | \$2,250,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 | \$0 | \$0 | \$1,000,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,250,000 | \$0 | \$0 | \$1,250,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,250,000 | \$0 | \$0 | \$2,250,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Lime Slurry Facilities - Mitchell and Townsend | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project includes new lime slurry feed and storage facilities for both Townsend and Mitchell Water Plants. Lime slurry facilities will improve worker safety by eliminating manual loading of powdered lime in existing hopper feed systems. Lime slurry feed provides improved PH regulation and reduced turbidity levels (current proposed regulations limit turbidity). This project will also improve injection point placement downstream of filters. This will be included as part of the chloramine conversion project.

Replacement facilities will improve safety and working conditions for laborers by eliminating powdered lime dust and need for extensive personal protective gear.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/05 |
| COMPLETION | 06/06 |

TYPE REQUEST

| | |
|--------------|--|
| CONTINUATION | |
| REVISION | |
| X NEW | |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$800,000 | \$0 | \$800,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$800,000 | \$0 | \$800,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$800,000 | \$0 | \$0 | \$800,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$800,000 | \$0 | \$0 | \$800,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|---|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Mitchell & Townsend WTP Chloramine Conversion | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION



The use of chloramines will reduce the total trihalomethane (TTHM) and haloacetic acid (HAA) concentrations in the distribution system, and should enhance Greensboro's ability to meet the proposed disinfecting byproduct regulations. Baffle Walls at the Mitchell Facility will be required to meet the State CT requirements under all flow/temperature conditions. This is particularly important when Lake Daniel 11 m.g. reservoir is removed from service for maintenance/inspections or emergencies.

This project will convert or add aqua ammonia at selected sites throughout the City to facilitate the changeover to chloramination disinfection.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/05 |
| COMPLETION | 6/06 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$2,550,000 | \$0 | \$2,550,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$2,550,000 | \$0 | \$2,550,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,550,000 | \$0 | \$0 | \$2,550,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,550,000 | \$0 | \$0 | \$2,550,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Mitchell and Townsend Bulk Chemical - Construction | 512 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project will replace the aging chemical storage facilities for major coagulant, fluoride, and poly phosphate. The new containment and storage facilities will comply with SPCC planning requirements and will allow safer storage and spill containment of the hazardous chemicals used in the treatment of water, reducing the risk to man and the environment. This equipment has reached its life cycle expectancy.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/07 |
| COMPLETION | 06/08 |

TYPE REQUEST

| | |
|--------------|--|
| CONTINUATION | |
| REVISION | |
| X NEW | |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$2,000,000 | \$0 | \$2,000,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$2,000,000 | \$0 | \$2,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,000,000 | \$0 | \$0 | \$2,000,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,000,000 | \$0 | \$0 | \$2,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

3

PROJECT TITLE

Mitchell and Townsend Bulk Chemical - Engineering

ACCOUNT NUMBER

511 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

This project will replace the aging chemical storage facilities for major coagulant, fluoride, and poly phosphate. The new containment and storage facilities will comply with SPCC planning requirements and will allow safer storage and spill containment of the hazardous chemicals used in the treatment of water, reducing the risk to man and the environment. This equipment has reached its life cycle expectancy.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/05 |
| COMPLETION | 06/06 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$600,000 | \$0 | \$0 | \$0 | \$600,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$600,000 | \$0 | \$0 | \$0 | \$600,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$600,000 | \$0 | \$0 | \$600,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$600,000 | \$0 | \$0 | \$600,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|---|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Mitchell Clearwell Replacement – Construction | 512 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project will replace the aging brick clearwell and inlet valve and all associated site and pavement work. The replacement clearwell will have baffling capabilities for necessary disinfection exposure, as well as improved sealing from outside contamination. The smaller clearwell will also provide an alternate to Lake Daniel for maintenance and improved treatment of water while on alternate flow path. Flow routing and hydraulic deficiencies will be evaluated. Major asphalt, curb, and gutter replacement for improved vehicle/truck support will also be completed.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/07 |
| COMPLETION | 06/08 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$2,510,000 | \$0 | \$2,510,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$2,510,000 | \$0 | \$2,510,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,510,000 | \$0 | \$0 | \$2,510,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,510,000 | \$0 | \$0 | \$2,510,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Mitchell Clearwell Replacement - Engineering | 511 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project will replace the aging brick clearwell and inlet valve and all associated site and pavement work. The replacement clearwell will have baffling capabilities for necessary disinfection exposure, as well as improved sealing from outside contamination. The smaller clearwell will also provide an alternate to Lake Daniel for maintenance and improved treatment of water while on alternate flow path. Flow routing and hydraulic deficiencies will be evaluated. Major asphalt, curb, and gutter replacement for improved vehicle/truck support will also be completed.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/05 |
| COMPLETION | 06/06 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$440,000 | \$0 | \$0 | \$0 | \$440,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$440,000 | \$0 | \$0 | \$0 | \$440,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$440,000 | \$0 | \$0 | \$440,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$440,000 | \$0 | \$0 | \$440,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

3

PROJECT TITLE

Mitchell Water Plant Basic Building and Grounds Repairs

ACCOUNT NUMBER

503 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

This project will encompass various improvements to the building and grounds, including better handicap access to the building, which is not subject to ADA requirements. These improvements will bring the facilities into compliance with current fire, building, and safety codes.

PROJECTED STATUS - JUNE 30, 2004

TOTAL APPROPRIATIONS

TOTAL EXPENDITURES

PROJECTED BALANCE

PROJECTED DATES

BEGINNING 07/09

COMPLETION 06/10

TYPE REQUEST

CONTINUATION

REVISION

X NEW

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$330,000 | \$0 | \$670,000 | \$0 | \$1,000,000 |
| Totals | \$330,000 | \$0 | \$670,000 | \$0 | \$1,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|--------------------|------------|---------------|------------|--------------|----------------|---------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$1,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 |
| Totals | \$0 | \$1,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

PROJECT TITLE

New Garden Road Pump Station Upfit – Construction

ACCOUNT NUMBER

512 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

This project will resolve issues and problems with an aging pump station at a critical water supply site. Funds will be used to completely redesign and reconstruct the site and its systems. Flooding of equipment, burned electrical equipment, aging control equipment, and facility layout issues will be resolved. This work will greatly improve the station's dependability and reduce the risk to man of dangerous electrical and pressurized infrastructures.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/07 |
| COMPLETION | 06/08 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$1,000,000 | \$0 | \$1,000,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$1,000,000 | \$0 | \$1,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 | \$0 | \$0 | \$1,000,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 | \$0 | \$0 | \$1,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

PROJECT TITLE

New Garden Road Pump Station Upfit - Engineering

ACCOUNT NUMBER

511 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

This project will resolve issues and problems with an aging pump station at a critical water supply site. Funds will be used to completely redesign and reconstruct the site and its systems. Flooding of equipment, burned electrical equipment, aging control equipment, and facility layout issues will be resolved. This work will greatly improve the station's dependability and reduce the risk to man of dangerous electrical and pressurized infrastructures.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/05 |
| COMPLETION | 06/06 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$100,000 | \$0 | \$0 | \$0 | \$100,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$100,000 | \$0 | \$0 | \$0 | \$100,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$100,000 | \$0 | \$0 | \$100,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$100,000 | \$0 | \$0 | \$100,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|--|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Plate Settlers - Mitchell and Townsend | 513 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project will improve the sedimentation process for drinking water. Plate settlers allow increase sedimentation in the existing facility.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/09 |
| COMPLETION | 06/10 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$759,000 | \$0 | \$1,541,000 | \$0 | \$2,300,000 |
| Totals | \$759,000 | \$0 | \$1,541,000 | \$0 | \$2,300,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,300,000 | \$0 | \$0 | \$2,300,000 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,300,000 | \$0 | \$0 | \$2,300,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

PROJECT TITLE

Power Monitoring and Electrical Improvements

ACCOUNT NUMBER

513 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



The study and subsequent construction would address the City's aging fleet of pump drivers and help City decide the best way to operate the pumping system, provide emergency backup, and will guide the planned major equipment purchase in the future. Proactive planning is needed to deal with the issue of the aging fleet of diesel drivers versus electrical drivers with standby generators on site.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/06 |
| COMPLETION | 06/10 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$300,000 | \$0 | \$0 | \$0 | \$300,000 |
| FY 09-10 | \$0 | \$0 | \$5,500,000 | \$0 | \$5,500,000 |
| Totals | \$300,000 | \$0 | \$5,500,000 | \$0 | \$5,800,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$300,000 | \$0 | \$0 | \$300,000 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,500,000 | \$0 | \$0 | \$5,500,000 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,800,000 | \$0 | \$0 | \$5,800,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | |

| | |
|--------------------------------|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Randleman Water Supply Project | 511 - 7024 - 04 |

PROJECT DESCRIPTION/JUSTIFICATION

City portion of funding for the new water treatment plant to be constructed in Randleman.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-------------|
| TOTAL APPROPRIATIONS | \$4,455,000 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$4,455,000 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/04 |
| COMPLETION | 06/05 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|--------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$4,455,000 | \$0 | \$4,455,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$4,455,000 | \$0 | \$4,455,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|--------------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,455,000 | \$0 | \$0 | \$4,455,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$4,455,000 | \$0 | \$0 | \$4,455,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|---|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Residuals Pumping Station and Pipeline - Townsend | 513 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide a pumping station and pipeline for the trac vac sludge collection system for improved sludge removal. The existing sludge lagoon disposal method requires costly annual disposal by a dredging and disposal contractor. This pumping station and pipeline will carry sludge to the sanitary sewer (to the Reedy Fork Lift Station), the desired method of removal.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/09 |
| COMPLETION | 06/10 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$198,000 | \$0 | \$402,000 | \$0 | \$600,000 |
| Totals | \$198,000 | \$0 | \$402,000 | \$0 | \$600,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$600,000 | \$0 | \$0 | \$600,000 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$600,000 | \$0 | \$0 | \$600,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|----------------------------|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Reuse Storage/Pump Station | 513 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project includes storage and pumping of Townsend lagoon effluent to the Bryan Park Golf Course and Bryan Park Soccer Complex, resulting in improved conservation of raw water at Lake Townsend. The project will make use of thousands of gallons of wastewater which is normally lost as rain water. An allowance for a small reuse system at Mitchell WTP has also been included.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | | |
|------------|-------|--|
| BEGINNING | 07/07 | |
| COMPLETION | 06/10 | |

TYPE REQUEST

| | | |
|--------------|--|--|
| CONTINUATION | | |
| REVISION | | |
| X NEW | | |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$165,000 | \$0 | \$0 | \$0 | \$165,000 |
| FY 09-10 | \$0 | \$0 | \$825,000 | \$0 | \$825,000 |
| Totals | \$165,000 | \$0 | \$825,000 | \$0 | \$990,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$165,000 | \$0 | \$0 | \$165,000 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$825,000 | \$0 | \$0 | \$825,000 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$990,000 | \$0 | \$0 | \$990,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

PROJECT TITLE

SCADA and Wireless Communication Improvements

ACCOUNT NUMBER

511 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



This project will improve the problematic performance of SCADA Communications and reduce vulnerability of control systems for the water distribution system. This project includes methods of improved communication for control and monitoring of systems.

Funding in the amount of \$200,000 for this project was budgeted in 510-7025-04

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----------|
| TOTAL APPROPRIATIONS | \$200,000 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$200,000 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/04 |
| COMPLETION | 6/06 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$400,000 | \$0 | \$400,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$400,000 | \$0 | \$400,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400,000 | \$0 | \$0 | \$400,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400,000 | \$0 | \$0 | \$400,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

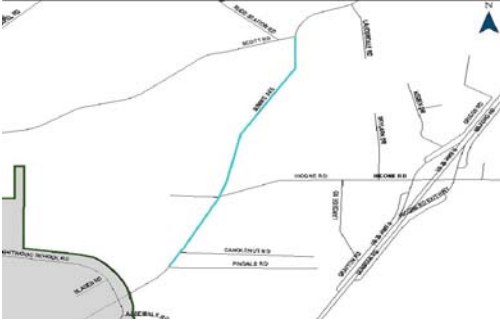
PROJECT TITLE

Summit Avenue Sewer Improvements

ACCOUNT NUMBER

511 - 0000 - 00

PROJECT DESCRIPTION/JUSTIFICATION



Furnish and install sanitary sewer improvements along Summit Avenue from Pindale Road north to Scott Road. Improvements required to allow sewer service to be continued for lots presently tied via private force main to the existing Reedy Fork force main. Existing system will be eliminated as part of the Reedy Fork Development. Approximately 5,490lf of 8" sewer, 1 pump station, and 1,790lf of 6" force main will be required.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----------|
| TOTAL APPROPRIATIONS | \$430,000 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$430,000 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/04 |
| COMPLETION | 06/05 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$430,000 | \$0 | \$430,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$430,000 | \$0 | \$430,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$430,000 | \$0 | \$0 | \$430,000 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$430,000 | \$0 | \$0 | \$430,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

3

PROJECT TITLE

Townsend Sludge Dewatering Facilities

ACCOUNT NUMBER

511 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION



Install sludge dewatering and handling facilities at Lake Townsend to save money on having to pay a contractor to dewater the alum sludge annually.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|------|
| BEGINNING | 7/05 |
| COMPLETION | 6/06 |

TYPE REQUEST

| |
|----------------|
| X CONTINUATION |
| REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$150,000 | \$0 | \$150,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$150,000 | \$0 | \$150,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$150,000 | \$0 | \$0 | \$150,000 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$150,000 | \$0 | \$0 | \$150,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

SERVICE AREA

Environmental Protection

DEPARTMENT

Water Resources

DIVISION/PROGRAM

Water Treatment Plants

DISTRICT

3

PROJECT TITLE

Townsend Water Plant Basic Building and Grounds Repairs

ACCOUNT NUMBER

503 - 00 00 - 00

PROJECT DESCRIPTION/JUSTIFICATION

This project will encompass various improvements to the building and grounds, including better handicap access to the building, which is not subject to ADA requirements. These improvements will bring the facilities into compliance with current fire, building, and safety codes.

PROJECTED STATUS - JUNE 30, 2004

TOTAL APPROPRIATIONS

TOTAL EXPENDITURES

PROJECTED BALANCE

PROJECTED DATES

BEGINNING 07/09

COMPLETION 06/10

TYPE REQUEST

CONTINUATION

REVISION

X NEW

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|------------------|-----------------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$330,000 | \$0 | \$670,000 | \$0 | \$1,000,000 |
| Totals | \$330,000 | \$0 | \$670,000 | \$0 | \$1,000,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|--------------------|------------|---------------|------------|--------------|----------------|---------------|----------------------|---------------|--------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$1,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 |
| Totals | \$0 | \$1,000,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,000,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|---|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| UV Disinfection - Mitchell and Townsend | 513 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project will add ultraviolet light radiation equipment as needed for the disinfection of drinking water to satisfy regulatory compliance. UV is a treatment method which improves the disinfection of drinking water and produces minimal disinfection byproducts.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/09 |
| COMPLETION | 06/10 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| REVISION |
| X NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|--------------------|------------|--------------------|-----------------------|---------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$4,422,000 | \$0 | \$8,978,000 | \$0 | \$13,400,000 |
| Totals | \$4,422,000 | \$0 | \$8,978,000 | \$0 | \$13,400,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|-------------------|----------------------|---------------|---------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 13,400,000 | \$0 | \$0 | \$13,400,000 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 13,400,000 | \$0 | \$0 | \$13,400,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | |

| | |
|---------------------------------------|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Washwater Decanter Basin Improvements | 512 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION



The Mitchell Water Treatment Plant produces its own waste water in the form of filter backwash water. Currently that water is treated in a Class 0 waste treatment decanter facility located at the Mitchell site. Discharge flows to the nearby Buffalo creek in accordance with an NPDES permit. The alternative is to send this water (5 to 8 MG/M) to the North Buffalo Water reclamation plant via the sanitary sewer, placing additional hydraulic load to that facility. The NBWRF currently receives about 3 MG/M now. The Water supply Division is planning to increase the capacity of the basin by adding at least one or two decanters to the existing four so that all washwater may be treated and discharged to the creek.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/07 |
| COMPLETION | 06/08 |

TYPE REQUEST

| |
|--------------|
| CONTINUATION |
| X REVISION |
| NEW |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|-----------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$90,750 | \$0 | \$184,250 | \$0 | \$275,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$90,750 | \$0 | \$184,250 | \$0 | \$275,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$275,000 | \$0 | \$0 | \$275,000 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$275,000 | \$0 | \$0 | \$275,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |

CITY OF GREENSBORO

Capital Improvements Program 2004-10

| | | | |
|--------------------------|-------------------|-------------------------|-----------------|
| SERVICE AREA | DEPARTMENT | DIVISION/PROGRAM | DISTRICT |
| Environmental Protection | Water Resources | Water Treatment Plants | 3 |

| | |
|----------------------------------|-----------------------|
| PROJECT TITLE | ACCOUNT NUMBER |
| Washwater Supply Tank - Mitchell | 513 - 00 00 - 00 |

PROJECT DESCRIPTION/JUSTIFICATION

This project will install a new washwater holding tank and piping for backwashing of filters. This new tank will afford gravity feed of water for reduced dependency on electricity as well as improved control of backwash rate.

PROJECTED STATUS - JUNE 30, 2004

| | |
|----------------------|-----|
| TOTAL APPROPRIATIONS | \$0 |
| TOTAL EXPENDITURES | \$0 |
| PROJECTED BALANCE | \$0 |

PROJECTED DATES

| | |
|------------|-------|
| BEGINNING | 07/09 |
| COMPLETION | 06/10 |

TYPE REQUEST

| | |
|--------------|--|
| CONTINUATION | |
| REVISION | |
| X NEW | |

Expenses

| Fiscal Year | Planning/Design | Land | Construction | Equipment/Furnishings | Total |
|---------------|------------------|------------|------------------|-----------------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$214,500 | \$0 | \$435,500 | \$0 | \$650,000 |
| Totals | \$214,500 | \$0 | \$435,500 | \$0 | \$650,000 |

Revenue

| Fiscal Year | General Fund | Enterprise Funds | Grants | Other Revenue | Auth Bonds | Unauth Bonds | Unauth Bonds 2 | Revenue Bonds | Street/Sidewalk Fund | State Revenue | Total |
|---------------|--------------|------------------|------------|---------------|------------|--------------|----------------|------------------|----------------------|---------------|------------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$650,000 | \$0 | \$0 | \$650,000 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$650,000 | \$0 | \$0 | \$650,000 |

Operating Impact

| Fiscal Year | Personnel | Maintenance/Operations | Capital Outlay | Revenues | Total |
|---------------|------------|------------------------|----------------|------------|------------|
| FY 04-05 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 05-06 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 06-07 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 07-08 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 08-09 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FY 09-10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$0 | \$0 | \$0 | \$0 | \$0 |